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Distribution and Excretion of  $Rb^{86}$  in Rats, by  
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JPRS 5016

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Sci

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Pergamon Inst

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Skull Bone, by I. G. Rogal, 4 pp.

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Amer Inst of Biol Sci

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May 58

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The Effects of Electro-slag Welding Conditions,  
When Using Plate Electrodes, on Welded Joint  
Shape and Dimensions, by Yu. N. Zaitsev, A. M.  
Rogaley, 4 pp.

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BWRA

*179,004*

Sci

Dec 61

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FTD-TT-65-1417

C75TE-AD-6337664

*A. M. Rogalev*

Sci/ISSX

Jun 66

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BWRA

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Bundles and Xylem Vessels as Affected by the Phosphorus  
Nutrition of Plants, by I. E. Rogalev, 3 pp.

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pp 1206-1208.

Amer Inst of Phys

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Complex Mechanization of Loading-Unloading  
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Jul 57

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Spectrum of conversion electrons from  $^{160}\text{Gd}$ , by  
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The Regenerative Power of the Cranial Bone Tissue  
of Warm-Blooded Animals During Postnatal Onto-  
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ACSIL 1074

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F. S. Baranov, V. I. Gol'danskiy, and V. S.  
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Jul 58

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Corrosion of Aluminum Coolers in an Electrolytic  
Zinc Bath, by A. I. Levin, A. V. Porosov, T. N.  
Rogatkina, 6 pp.

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The Effect of Ammonium Salts Upon the Corrosion of  
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Vol 24, July 1951

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Scientific - Chemistry

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Pergamon Institute

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Aug 58

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Physiological Properties of Vinylalkyl Ether  
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K. F. Resdenov, and N. N. Zakhavaeva, 8 pp.  
UNCLASSIFIED

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Consultants Bureau

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J. Julien, G. Rufali, et al, 7 pp.

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WH 1-11

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Feb 59

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Production of Epithelial Tumors in the Mouse by  
Means of Acellular Saccharose Extracts of Lympho-  
sarcomas, by R. Rogel, G. Rudali, 11 pp.

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No 4, 1957, pp 483-492.

NIH 8-8

Sci - Med

Sep 58

73,494

Rogel'berg, L. N., Kuznetsov, G. M., and  
Sobolenko, T. M.

X-RAY INVESTIGATION OF SOLID SOLUTION  
BREAKDOWN IN ALUMINIUM ALLOYS AFTER  
QUENCHING AND DEFORMATION. [Aug 63] 7 refs.  
Order from SIC \$12.00

Trans. of Akademiya Nauk SSSR. O[tdelenie] T[ekhnich-  
eskikh] N[auk]. Izvestiya: Metallurgiya i Toplivo, 1962,  
no. 3, p. 81-84.

Also available from SIC in Russian Metallurgy and  
Fuels, 1962, no. 3, \$68.00/year.

DESCRIPTORS: \*Aluminum alloys, Deformation,  
Quenching (Cooling), Magnesium alloys, Zinc alloys,  
Solids, Solutions, X-rays, Crystal lattices.

A study was made of the breakdown of solid solutions  
in Al-Mg alloys (7.3% Mg) which had been quenched and  
deformed, and annealed at various temperatures, using  
(Metallurgy--Structural, TT, v. 10, no. 11) (over)

63-22393

1. Title: Breakdown
- I. Rogel'berg, L. N.
- II. Kuznetsov, G. M.
- III. Sobolenko, T. M.
- IV. Scientific Information  
Consultants Ltd.  
(Gr. Brit.)

000581  
Office of Technical Services

X-Ray Investigation of Solid Solution Breakdown in  
Aluminium Alloys after Quenching and Deformation,  
by L.N. Rogel'berg, G.M. Kuznetsov, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk;  
Metall i Toplivo, No 3, 1962, pp 81-84.

SIC

Sci

Dec 62

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Effect of Certain Elements on the Plasticity of Nickel at Higher Temperatures,  
by L. N. Volynov, I. L. Rogel'berg,  
et al.

107

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1964, pp 66-71. 0697775  
110-17-65-318

I. L. Rogel'berg

SCI - 174  
R46 US

287,502

Reasons for the Hardening of Aluminium Bronze on  
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Ni-W, Ni-Ca and Ni-Sr Alloys for Oxide Cathodes  
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Sci - Chem  
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Methods of Testing Thermocouples and Thermocouple  
Wires, by A. M. Sirota, B. K. Mal'tsev, A. G.  
Rushnov, G. N. Pokrovskaya, I. L. Rogal'berg, A. N.  
Gordov, N. N. Ergrardt, 3 pp.

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ISA

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Feb 61

On a Single Necessary Criterion of the Correctness  
of the Solubility Limits in Binary Metallic  
Systems, by S. Kh. Kipnis, and I. L. Rogel'berg,  
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Full translation.

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Sci Mus Lib No 52/3258

Scientific - Chemistry

27 December 1952

A-5311

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GERMAN, *pt. 2 Amer Physik*, Vol CXXVII, 1952,  
pp 446-467. 9895355  
FSTC 381-T64-114

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Sci - Phys  
Apr 65

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Rogener, H.

Communications on the Subject of Rickettsia of  
The Boutonneux-Pourpre Group and of the Agent  
of Siberian Tick Typhus, by Paul Giroud,  
Paul LeGac, Francis Roger, 7 p.

FRENCH, per, Societe de Pathologie Exotique, Bull,  
1953, Vol XLVI, No 6, pp 866-870.

SLA 59-15418

Sci  
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Vol 2, No 9

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Preliminary Report on Variations of the E.E.G.  
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Jullien, A. Roger, G. E. Chastain, 9 pp.

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1953, pp 357-363. CIA 9040648

ACSIL Tr No 1064

Sci - Medicine, Electronics  
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Demonstration of Mutants in Rickettsioses  
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Agent of Boutonneuse Fever, Rickettsia  
Conori, by Paul Giroud, Jean Gaillard, Francis  
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Paris, 1953, pp 173-175.

NIE

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CTB/DEX

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(NY-5714)

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JPRS 7795

Sci - Phys

Mar 61

*144, 210*

International Conference of the International  
Federation World War Two, by Helene Roggenbuch, 8 pp.

GERMAN, per, Einheit, No 1, 1962.

FBIS Wire

EEur - Germany

USSR

E Pol

23 Oct 62

Pocket Gamma Radiation Dosimeter, by M. Ardenne,  
G. Yeger, B. Roggenbuk, G. Froylikh,

RUSSIAN, bk, Issledovaniya v Oblasti Dozimetrii  
Ioniziruyushchikh Izlucheni, 1957, pp 154-150.

AEC Tr-3656

Sci - Phys  
Aug 60

*124,000*

S-4718 ..... (DC 2558)

Pocket Gamma-Radiation Dosimeter, by M.  
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RUSSIAN, monograph, Issledovaniya v Oblesti  
Dozimetrii Ioniziruyushchikh Izlucheniy, 1957,  
pp 112-114.

JPRS-L-1743-D

Sci - Med  
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Cleaning High Tension Installations Under  
Voltage With Fixed Built-in Spraying Equipment.  
Practical Experiences & Gathered for Over a  
Decade, by A. Roggenhoff.

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No 2, pp 31-36; No 5, pp 125-127, 1951.

NZDIA

Sci-Engr  
Jun 63

234,377

Röbner, Heinz.  
INVESTIGATIONS ON DETONATIVE COMBUSTION.  
[1963] [38] p. 37 refs.  
Order from OTS or SLA \$3.60      63-16048

Trans. of German mono. [Untersuchungen über  
Klopfende Verbrennungen] Brunswick, n. d., 35p.  
(FB-67864).

DESCRIPTORS: \*Combustion, \*Detonations,  
\*Autoignition, Ignition lag, Pressure, Graphic analysis,  
Fuels.

The exact course of the pressure during the compression  
and autoignition processes is determined and the  
ignition delay in a region of temperature and pressure  
is measured corresponding to the conditions prevailing  
in the unburned residue in an engine.

(Materials--Fuels, TT, v. 10, no. 8)

63-16048

I. Röbner, H.  
II. FB-67864

A242819

Office of Technical Services

Pressure Tanks for Nuclear Reactors,  
by Kenneth A. Fricke, James T. Rogers.  
FRANCO, Patent No 1,345,789, 1963, 16 pp.  
SEC CONTROL-Tr-383

James T. Rogers

Oct-Engr  
Oct 56

750,048

The "Brodoprojekt" Ship Designing Organization,  
by Tomo Rogic, 5 pp.

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1962, p 238.

JPRS 16107

EEur - Yugoslavia  
Scen  
Nov 62

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(DC-6262)

Geography of Yugoslavia, compiled by  
Veljko Rogic, ~~MA~~ Stanko Zalic, 375 pp.

CROATIAN, BR, 1960, pp 43-242.

JPRS 11327

EFur - Yugoslavia  
Geographic  
Jan 62

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(DC-3366).

Mycology in the Chinese People's Republic, by  
M. N. Rogidin, 8 pp.

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pp 1515-1518.

JPRS 3063

Sci - Biology  
Mar 60

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Grapho-Type Method of Construction of Contact,  
by V. N. Roginaki, 22 pp.

RUSSIAN, bk, Problemy Peredschi Informatsii,  
AN SSSR Moscow, Vol VI, 1960, pp 34-45.  
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FTD-TI-63-59

Sci-Engr

343568

22 Sep 63

Quantitative Determination of Fluoride Based on  
Formation of Hydroxytrifluoroborates, by A. L.  
Gol'dinov, V. I. Lukhovitskiy, M. A. Gorovits,  
B. S. Roginskaya, 4 pp.

RUSSIAN, per, Zhur Anal Khim. Vol VIII, No 5,  
1958, pp 583-587.

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Sci - Chem  
Aug 59

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Rate of Acetylation of Some Cholinolytic Substances  
Containing a Hydroxyl Group, by S. G. Kuznetsov,  
E. V. Roginskaya, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 10,  
1961, pp 3360-3365.

CB

Sci  
Sep 62

211,800

(DC-3354)

Chromosome Complex of the Ussuri Geographical Race  
of Wild Mulberry Silkworm Moths *Bombyx Mandarina* M.  
In Connection With the Origin of the Domesticated  
Mulberry Silkworm Moth *Bombyx Mori* L., by B. L.  
Astaurov, M. D. Golysheva, I. S. Roginskaya, 8 pp.

RUSSIAN, per, Tsitologiya, Vol I, No 3, May/June  
1959, pp 327-332.

JPRS 3398

118,867

Sci - Biol

A Simplified Spectrophotometric Method of  
Determining Organic Compounds by Means of Their  
Absorption in the Near Infrared, by Ts. N.  
Roginskaya and A. I. Finkel'shtein, 2 pp

RUSSIAN, per, Zhur Anal Khim, Vol XIV, No 3,  
1959, pp 360-361.

Consultants Bureau

119,638

Sci-Chem

Jun 60

A Simplified Spectrophotometric Method for  
Determining Organic Compounds by Near-Infrared  
Absorption, by Ts. N. Roginskaya, A. I.  
Finkel'shtein.

RUSSIAN, per, Zhur Anal Khim, Vol XIV, No 3,  
1959, pp 360, 361.

ATS RJ-2001

Sci - Chem

ATS-86L33R

Jan 60

105,690

Molecular Structure of Unsaturated Ketones --  
Bimolecular Cyclohexanone Condensation Products,  
by Ts. N. Roginskaya, S. V. SvetozarSKIY, A. I.  
Finkel'shtein, E. N. Zil'berman, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 8,  
1958, pp 2229-2232.

CB

Sci - Chem  
Oct 59

99,949

Spectra and Spectrophotometric Analysis of Chlorinated Organic Compounds. Part 1. Determination of Chlorex in Admixture with Dichloroethane, by Ts. N. Roginskaya, A. I. Finkelshtein, 4 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XI, No <sup>5</sup>/<sub>9</sub>, Sep/ Oct 1956, pp <sup>2</sup>601-605.

Consultants Bureau

Sci - Chem  
Jul. 57

49, 322

(NY-5100)

Cybernetics and Maritime Transport, by  
B. Roginskiy, 3 pp.

RUSSIAN, np, Vodnyy Transport, 25 Nov 1961.

JPRS 13285

USSR  
Econ  
Apr 62

190,168

Reproductive Biology and Life Cycle of  
Cuthona Pustulata (Gastropoda Nudibranchia)  
by I. S. Roginskaya, 6pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,  
Vol CXLVI, No 2, 1962, pp 488-491.

CB

Sci  
Nov 63

244.121

The Application of "Marked" Carbon Atoms to  
the Study of the Cathalytic Oxidation of  
Ethylene on Silver, by L. Y. Margolis,  
L. Ya. Roginskiy.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXIX,  
No 3, 1953, pp 515-517.

Co-op Tr Sch No 83  
18s.Od. (9s.Od.)  
Sci Mus Lib 56/1890

Scientific - Chemistry

Oscillatory Combustion, by O. G. Roginskiy, 16 pp.

RUSSIAN, per, Akust Zhur, Vol VII, No 2, 1961,  
pp 131-154.

AIP  
Sov-Acoustics  
Vol VII, No 2

Sci

*180, 315*

Jun 62

Compensation Effect in Activation Processes  
From the Viewpoint of Statistical Kinetics  
by S. Roginskiy, Yu. Khaik.

RUSSIAN, per, Iz Ak Nauk SSSR, Seriya Khim,  
No 7, 1961, pp 1198-1205

CSIRO/No 5800

Sci-Chem  
May 63

234,421

Roginski, S. and Schechter, A.  
CHEMICAL REACTIONS IN ELECTRICAL DIS-  
CHARGES. III. INVESTIGATION OF THE HETERO-  
GENEOUS RECOMBINATION OF ATOMS (Chemische  
Reaktionen in Elektrischen Entladungen. III. Unter-  
suchung der Heterogenen Rekombination von Atom) tr.  
by Jerome Danburg. Oct 62 [20]p. 9 refs. AmMetSoc  
T-G-186.

Order from OTS or SLA \$1.60

63-19207

Trans. of Acta Physicochimica U. R. S. S., 1937, v. 6,  
no. 3, p. 401-418.

DESCRIPTORS: \*Electrical discharges, \*Chemical  
reactions, \*Recombination reactions, \*Hydrogen,  
\*Nitrogen, \*Oxygen, \*Platinum catalysts, \*Tungsten,  
\*Argon, Stabilization, Metals, Oxides, Surfaces

The recombination of hydrogen and nitrogen atoms on  
Pt and W over a wide range of temperature was investi-  
(Chemistry--Physical, TT, v. 10, no. 2) (over)

63-19207

- I. Roginski, S.
- II. Schechter, A.
- III. AmMetSoc-T-G-186
- IV. American Meteorological  
Society, Boston, Mass.
- V. Contract AF-19(604)6113
- VI. Title: Investigation...

63-19207

Office of Technical Services

Roginskiĭ, S. and Tselinskaya, T.  
EXPERIMENTAL INVESTIGATION OF THE ROLE OF  
SUPERSATURATION IN THE PREPARATION OF  
CATALYSTS. [1961] 7p. 40 refs.  
Order from OTS or SLA \$1.10

61-18172

Trans. of Acta Physicochimica U. R. S. S., 1944,  
v. 19, p. 225-247.

DESCRIPTORS: \*Nickel catalysts, Nickel compounds,  
Oxides, Carbonates, Decomposition.

The decomposition of nickel carbonate is shown to  
proceed as an autocatalytic process. The reaction  
velocity increases with rising reaction supersaturation.  
An extremely rapid decay of carbonate is observed at  
partial pressures of carbon dioxide from  $10^{-4}$  to  $10^{-2}$   
mm Hg, and a rather slow one near equilibrium. It is  
shown that the values of the reciprocals of the lapse of  
time, necessary to reach a certain degree of decompo-  
(Chemistry--Physical, TT, v. 6, no. 7)

(over)

61-18172

I. Roginskiĭ, S.  
II. Tselinskaya, T.

Office of Technical Services

Preparation de Concentrats de Cesium Radioactif  
avec Emploi de Colonnes de Glaucosite Echangeuses  
d'ions, by S. Z. Roginskiy, O. V. Altschuler,  
et al, 15 pp.

RUSSIAN to FRENCH, per, Radiokhim, Vol II, No 4,  
1960, pp 431-437. 9097098

Reverse Trans  
CEA Tr R-1434

Sci  
19 Apr 62

Roginski, S. Z.  
ELECTRONIC FACTORS IN CATALYSIS. Report submitted to the International Congress on Catalysis (no. 2). [1961] [20]p. 60 refs. [DSIR LLU] M. 3126.  
Order from OTS or SLA \$1.60  
61-27601

Trans. of Kinetika i Kataliz (USSR) 1960, v. 1, no. 1, p. 15-31.

DESCRIPTORS: \*Catalysis, \*Electrochemistry, Electronics, Catalysts, Semiconductors, Adsorption, Surface properties..

It is shown for a series of catalysts that the change in catalytic properties due to added substances is a function of the surface charge and that the accompanying changes in the activation energies for catalysis and chemisorption,  $E_{cat}$  and  $E_{chem}$  are directly associated with changes in the ionization potential. Relations are (Chemistry--Physical, TT, v. 6, no. 9) (over)

61-27601

I. Roginski, S. Z.  
II. DSIR LLU M. 3126  
III. Title: International...

Office of Technical Services

Rational Basis of the Selection of Catalysts.  
Communication 2. Physical and Physicochemical  
Catalysis, by S. Z. Roginskiy, 10 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 4,  
1959, pp 586-595.

CB

Sci -  
May 61

152, 728

INVESTIGATIONS OF THE HETEROGENEITY OF ACTIVE  
SURFACES BY THE DIFFERENTIAL ISOTOPE METHOD,  
BY N. P. NEIER, S. I. ROZDOLNYI.

RUSSIAN, PER. JZ AN INH NASH SOBR, OTDEL KHIM  
NASH, NO 1, 1959, PP 87-90.

ALL RTS 2579

SCI - CHEM

OCT 62

214,728

Catalytic Properties of Germanium, by V. M.  
Prolov, O. V. Krylov, S. N. Roginskiy, 8 pp.

RUSSIAN, per, Problemy Kinetika i Katal, No 10,  
1960, pp 102-107. 9093300

AEC Tr-4979

Sci - Phys  
Apr 62

191,281

Roginskiy, S. Z.  
KINETICS OF CATALYSIS BY SEMICONDUCTORS  
DURING CONTROL BY CHEMISORPTION. [1960]  
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